

**Amendments to the Claims:**

1. (Currently Amended) A superabsorbent polymer comprising:

a) a polymeric resin composition comprising

i) from about 55 to about 99.9 % by weight of polymerizable unsaturated acid group containing monomers;

ii) from about 0.001 to about 5.0 % by weight of the polymerizable unsaturated acid group containing monomers of an internal crosslinking agent;

iii) from 0 to about 25 % by weight of the polymerizable unsaturated acid group containing monomers of a preneutralizing agent; wherein the polymeric resin composition is preneutralized from 0 to about 50 mole %; and

b) a water swellable, water-insoluble ~~aminopolysaccharide~~ aminopolysaccharide polymer;

wherein when the superabsorbent polymer is contacted with an aqueous solution, the polymeric resin is neutralized by the ~~aminopolysaccharide~~ aminopolysaccharide polymer so that the superabsorbent polymer has a degree of neutralization of about 20 mole % or more than the preneutralization degree of the polymeric resin composition.

2. (Previously Presented) The superabsorbent polymer of Claim 1 having a gel bed permeability as measured by the Gel Bed Permeability Test of about  $100 \times 10^{-9} \text{ cm}^2$  or greater.

3. (Previously Presented) The superabsorbent polymer of Claim 1 having a liquid capacity as measured by the Centrifuge Retention Capacity Test of about 20 g/g or greater.
4. (Previously Presented) The superabsorbent polymer of Claim 1 having a liquid capacity as measured by the Centrifuge Retention Capacity Test of about 25 g/g or greater.
5. (Previously Presented) The superabsorbent polymer of Claim 1 having a Gel Bed Permeability as measured by the Gel Bed Permeability Test of about  $200 \times 10^{-9} \text{ cm}^2$  or greater.
6. (Previously Presented) The superabsorbent polymer of Claim 1 having a Gel Bed Permeability as measured by the Gel Bed Permeability Test of about  $300 \times 10^{-9} \text{ cm}^2$  or greater.
7. (Previously Presented) The superabsorbent polymer of Claim 1 further comprising from about 0.001 to about 5.0 % by weight of the dry superabsorbent polymer of surface crosslinking agent applied to the particle surface.
8. (Originally Presented) The superabsorbent of Claim 1 is a mixture of aminopolysaccharide and the polymeric resin in a weight ratio of about 5:95 to about 95:5, and the aminopolysaccharide is neutralized from 0 to about 25 mole %.

9. (Currently Amended) The superabsorbent polymer of Claim 1 wherein the ~~aminopolysaccharide~~ aminopolysaccharide polymer is a chitosan polyamine.

10. (Originally Presented) The superabsorbent polymer of Claim 1 further comprising a surface treatment.

11. (Previously Presented) The superabsorbent polymer of Claim 10 having an Absorbency Under Load at 0.9psi as measured by the Absorbency Under Load Test of about 15 or more and Gel Bed Permeability as measured by the Gel Bed Permeability Test of about  $450 \times 10^{-9} \text{ cm}^2$  or greater.

12. (Currently Amended) A superabsorbent polymer comprising:

- a) from about 1 to about 99 % by weight of crosslinked polyacrylic acid resin wherein the polyacrylic acid resin is preneutralized from 0 to about 50 mole %; and
- b) from about 1 to about 99 % by weight of water swellable, water-insoluble ~~aminopolysaccharide~~ aminopolysaccharide polymer

wherein when the superabsorbent polymer is contacted with an aqueous solution, the crosslinked polyacrylic acid resin is neutralized by the ~~aminopolysaccharide~~ aminopolysaccharide polymer so the superabsorbent polymer has a degree of neutralization of about 20 mole % or more than the preneutralization degree of the polyacrylic acid resin.

13. (Originally Presented) The superabsorbent polymer of Claim 12 wherein the crosslinked polyacrylic acid has a degree of neutralization of 30 mole % or more.

14. (Previously Presented) The superabsorbent polymer of Claim 12 having a liquid capacity as measured by the Centrifuge Retention Capacity Test of about 20 g/g or greater.

15. (Previously Presented) The superabsorbent polymer of Claim 12 having a liquid capacity as measured by the Centrifuge Retention Capacity Test of about 25 g/g or greater.

16. (Previously Presented) The superabsorbent polymer of Claim 12 having a Gel Bed Permeability as measured by the Gel Bed Permeability Test of about  $200 \times 10^{-9} \text{ cm}^2$  or greater.

17. (Previously Presented) The superabsorbent polymer of Claim 12 having a Gel Bed Permeability as measured by the Gel Bed Permeability Test of about  $300 \times 10^{-9} \text{ cm}^2$  or greater.

18. (Previously Presented) The superabsorbent polymer of Claim 12 further comprising from about 0.001 to about 5.0 % by weight of the dry superabsorbent polymer of surface crosslinking agent applied to the particle surface.

19. (Previously Presented) The superabsorbent polymer of Claim 18 having an Absorbency Under Load at 0.9psi as measured by the Absorbency Under Load Test of about 15 or more and Gel Bed Permeability as measured by the Gel Bed Permeability Test of about  $450 \times 10^{-9} \text{ cm}^2$  or greater.

20. (Currently Amended) The superabsorbent polymer of Claim 10 wherein the ~~aminopolysaccharide~~ aminopolysaccharide polymer is chitosan.

21. (Currently Amended) An absorbent composite comprising a superabsorbent polymer comprising:

- a) a polymeric resin composition comprising
  - i) from about 55 to about 99.9 % by weight of polymerizable unsaturated acid group containing monomers;
  - ii) from about 0.001 to about 5.0 % by weight of the polymerizable unsaturated acid group containing monomers of internal crosslinking agent;
  - iii) from 0 to 25 % by weight of the polymerizable unsaturated acid group containing monomers of a preneutralizing agent; wherein the polymeric resin composition is preneutralized from 0 to about 50 mole %; and
- b) a water swellable, water-insoluble ~~aminopolysaccharide~~ aminopolysaccharide polymer;

wherein when the superabsorbent polymer is contacted with an aqueous solution, the polymeric resin composition is neutralized by the water swellable, water-insoluble ~~aminopolysaccharide~~ aminopolysaccharide polymer and the superabsorbent polymer has a degree of neutralization of about 20 mole % or more than the preneutralized amount of the polymeric resin composition.

22. (Previously Presented) The absorbent composite of Claim 21 wherein the superabsorbent polymer has a liquid capacity as measured by the Centrifuge Retention Capacity Test of about 20 g/g or greater.

23. (Previously Presented) The absorbent composite of Claim 21 wherein the superabsorbent polymer has a liquid capacity as measured by the Centrifuge Retention Capacity Test of about 25 g/g or greater.

24. (Previously Presented) The absorbent composite of Claim 21 wherein the superabsorbent polymer has a Gel Bed Permeability as measured by the Gel Bed Permeability Test of about  $200 \times 10^{-9} \text{ cm}^2$  or greater.

25. (Previously Presented) The absorbent composite of Claim 21 wherein the superabsorbent polymer has a Gel Bed Permeability as measured by the Gel Bed Permeability Test of about  $300 \times 10^{-9} \text{ cm}^2$  or greater.

26. (Previously Presented) The absorbent composite of Claim 21 wherein the superabsorbent polymer further comprises from about 0.001 to about 5.0 % by weight of the dry superabsorbent polymer of surface crosslinking agent applied to the particle surface.

27. (Previously Presented) The absorbent composite of Claim 21 having an Absorbency Under Load at 0.9psi as measured by the Absorbency Under Load Test of about 15 or more and Gel Bed Permeability as measured by the Gel Bed Permeability Test of about  $450 \times 10^{-9} \text{ cm}^2$  or greater.

28. (Currently Amended) The absorbent composite of Claim 21 wherein the ~~aminopolysaccharide~~ aminopolysaccharide polymer is a chitosan.

29. (Originally Presented) An absorbent composite of Claim 21 further comprising a mixture of fibers.

30. (Currently Amended) A process for the continuous production of superabsorbent polymer composition for absorbing aqueous or serous fluids, as well as blood, comprising the steps of:

a) preparing a polymeric resin composition by reacting

i) from about 55 to about 99.9 % by weight of polymerizable unsaturated acid group containing monomers; and

ii) from about 0.001 to about 5.0 % by weight of polymerizable unsaturated acid group containing monomers of internal crosslinking agent; and

iii) from 0 to about 25 % by weight of polymerizable unsaturated acid group containing monomers of a preneutralizing agent; wherein the polymeric resin composition is preneutralized from 0 to about 50 mole %; and

- b) preparing an aqueous solution containing a water swellable, water-insoluble ~~aminopolysaccharide~~ aminopolysaccharide polymer;
- c) mixing the polymeric resin composition with the aqueous solution containing ~~aminopolysaccharide~~ aminopolysaccharide polymer to form the superabsorbent polymer; and
- d) drying the superabsorbent polymer

wherein when the superabsorbent polymer is contacted with an aqueous solution, the polymeric resin composition is neutralized by the ~~aminopolysaccharide~~ aminopolysaccharide polymer so the polymeric resin composition is neutralized by the water swellable, water-insoluble ~~aminopolysaccharide~~ aminopolysaccharide polymer such that the superabsorbent polymer has a degree of neutralization of about 20 mole % of more than the preneutralization degree of the polymeric resin.

31. (Currently Amended) The process of Claim 30 wherein the ~~aminopolysaccharide~~ aminopolysaccharide polymer is chitosan.